

WATER QUALITY M E M O R A N D U M

Utah Coal Regulatory Program

December 1, 2003

TO: Internal File

THRU: Daron R. Haddock, Permit Supervisor

FROM: Gregg A. Galecki, Reclamation Specialist III

RE: 2003 Second Quarter Water Monitoring, Andalex Resources, Inc., Centennial Project, C/007/0019-WQ03-2, Task ID #1775

1. Was data submitted for all of the MRP required sites? YES [X] NO []

2. On what date does the MRP require a five-year re-sampling of baseline water data.

See Technical Directive 004 for baseline resampling requirements. Consider the Five Year Baseline resubmittal when responding to question one above. Indicate if the MRP does not have such a requirement

Resampling due date 09/04/2006

The MRP commits to sampling baseline water parameters one year prior to the renewal date.

The next renewal submittal is due 09/04/2006, for renewal on 04/04/2007.

3. Were all required parameters reported for each site? YES [X] NO []

4. Were irregularities found in the data? YES [X] NO []

Of 14 monitoring sites, eleven (11) sites demonstrated 'No Flow'; leaving three (3) sites submitted for lab analysis (Springs B351 and S18-1, and Well #1).

Since September 1998, the water level in Well #1 has steadily dropped from a depth of 60-feet to 73-feet, respectively. The water level appears to have stabilized with no additional drop in the last year. This condition will continue to be monitored.

Flow at Spring S18-1 dropped off dramatically from last quarter from approximately 70 gpm – 2 gpm (sampling dates 03/25/03 and 06/05/03, respectively). Significant increases in Specific Conductivity, TSS, Dissolved magnesium, and Chloride were associated with the June sample. This will continue to be monitored to determine if the spring is influenced by meteoric water.

5. Were DMR forms submitted for all required sites?

1st month, YES [X] NO []
2nd month, YES [X] NO []
3rd month, YES [X] NO []

6. Were all required DMR parameters reported?

YES [X] NO []

DMR sites UT0040008 001 through 004 were reviewed. No discharges occurred.

7. Were irregularities found in the DMR data?

YES [] NO [X]

No irregularities were noted.

8. Based on your review, what further actions, if any, do you recommend?

No further action is necessary for the 2003 2nd Quarter Water Monitoring data.